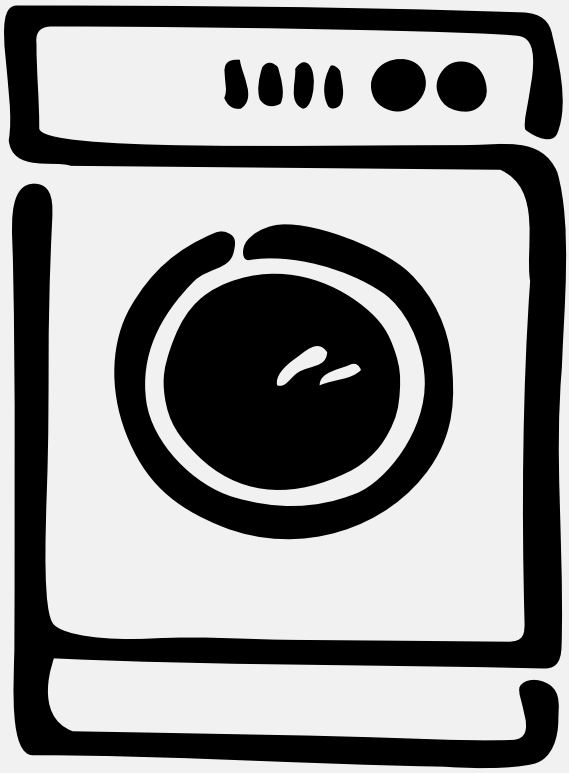
*WASAUTOMAAT*
*LAVE-LINGE*
*WASCHAUTOMAT*
*WASHING MACHINE*

# GEBRUIKSAANWIJZING
# NOTICE D'UTILISATION
# GEBRAUCHSANWEISUNG
# WAGHING MACHINE



*EWF 1220*
*EWF 1420*
*EWF 1620*

NL
F
D
GB

132 987 660

Electrolux

## Dear customer,

Please read these operating instructions carefully and pay particular attention to the safety notes indicated in the first pages. We recommend that you keep this instruction booklet for future reference and pass it on to any future owners.

## Transport damages

When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.

*The symbols you will see on some paragraphs of this booklet have the following meaning:*

The warning triangle and/or the key words (Warning!, Caution!) emphasize information that is particularly important for your safety or correct functioning of the appliance.

The information marked with this symbol provides additional instructions and practical tips on the use of the appliance.

Tips and information about economical and ecological use of the machine are marked with this symbol.

***Our contribution to the protection of the environment: we use recycled paper.***

ENGLISH

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# ⚠ Warnings

*The following warnings are provided in the interests of overall safety. You must read them carefully before installing or using the appliance.*

## Installation

- All internal packing must be removed before using the appliance. Serious damage may be caused to the machine or adjacent furniture if the protective transit devices are not removed or are not completely removed. Refer to the relevant paragraph in the instruction book.
- Any electrical work required to install this appliance must be carried out by a qualified electrician.
- Any plumbing work required to install this appliance must be carried out by a qualified plumber.
- After having installed the machine, check that it is not standing on its electrical supply cable.
- If the appliance is placed on a carpeted floor, ensure that air can circulate freely between the feet and the floor.

## Use

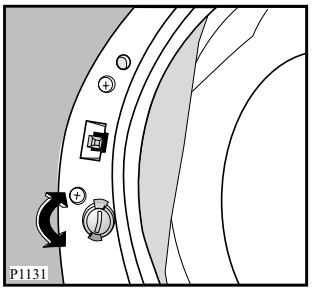
- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Only wash fabrics which are designed to be machine washed. Follow the instructions on each garment label.
- Do not overload the appliance. Follow the instructions in the instruction book.
- Make sure that all pockets are empty. Objects such as coins, safety pins, pins and screws can cause extensive damage.
- Do not machine wash garments saturated with petroleum, methylated spirits, trichlorethylene, etc. If such fluids have been used to remove stains prior to washing, wait until they have completely evaporated from the fabric before placing garments in the appliance.
- Place small items such as socks, belts, etc. in a cloth bag or pillowcase to prevent them getting trapped between the drum and the tub.
- Use only the recommended quantities of fabric softener. An excessive amount could damage the laundry.
- Leave the porthole door slightly ajar when the appliance is not in use. This preserves the door seal and prevents the formation of musty smells.
- Always check that water has emptied out before opening the door. If not, drain the water following the instructions in the instruction book.
- Always unplug the appliance and shut the water tap after use.

## General safety

- Repairs to the machine must be carried out only by qualified personnel. Repairs carried out by inexperienced persons could cause serious danger. Contact your local Service Centre.
- Never pull the power supply cable to remove the plug from the socket; always take hold of the plug itself.
- During high temperature wash programmes the door glass may get hot. Do not touch it!

## Child safety

- Children are often not aware of how dangerous electrical appliances can be. When the machine is working, children should be carefully supervised and not be allowed to play with the appliance.
- The packaging components (e.g. plastic film, polystyrene) can be dangerous to children - danger of suffocation! Keep them out of children's reach.
- Keep all detergents in a safe place out of children's reach.
- This machine incorporates a special child safety feature to prevent small children from being trapped inside the machine.
  To activate this device, rotate the button (without pressing it) inside the door clockwise until the groove is horizontal. If necessary use a coin.
  To disable this device and restore the possibility of closing the door, rotate the button anti-clockwise until the groove is vertical.




- When the appliance is to be scrapped, cut off the electrical supply cable and destroy the plug with the remaining cable. Disable the door catch in order to prevent children from becoming trapped inside while playing.

# Disposal

### Packaging materials

The materials marked with the symbol ♺ are recyclable.

**>PE<**=polyethylene

**>PS<**=polystyrene

**>PP<**=polypropylene

This means that they can be recycled by disposing of them properly in appropriate collection containers.

### Machine

Use authorised disposal sites for your old appliance. Help to keep your country tidy!

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

# Tips for environmental protection

To save water, energy and to help protect the environment, we recommend that you follow these tips:

- Normally soiled laundry may be washed without prewashing in order to save detergent, water and time (the environment is protected too!).
- The machine works more economically if it is fully loaded. Do not overload!
- With adequate pre-treatment, stains and limited soiling can be removed; the laundry can then be washed at a lower temperature.
- Measure out detergent according to the water hardness, the degree of soiling and the quantity of laundry being washed.

ENGLISH

# Technical specifications

| | | |
|---|---|---|
| DIMENSIONS | Height<br>Width<br>Depth | 85 cm<br>60 cm<br>63 cm |
| MAXIMUM LOAD | Cotton<br>Synthetics, Delicates<br>Wool, Handwash, 30 MIN<br>Silk | 5.0 kg<br>2.5 kg<br>2.0 kg<br>1.0 kg |
| SPIN SPEED | | 1200 rpm max. (EWF 1220)<br>1400 rpm max. (EWF 1420)<br>1600 rpm max. (EWF 1620) |
| POWER SUPPLY VOLTAGE/FREQUENCY<br>TOTAL POWER ABSORBED<br>MINIMUM FUSE PROTECTION | | 220-230 V/50 Hz<br>2200 W<br>10 A |
| WATER PRESSURE | Minimum<br>Maximum | 0,05 MPa<br>0,8 MPa |

CE This appliance complies with the following EEC Directives:
73/23/EEC of 19/02/73 relating to low voltage
89/336/EEC of 03/05/89 relating to electromagnetic compatibility.

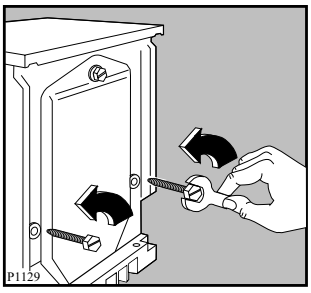
# Installation

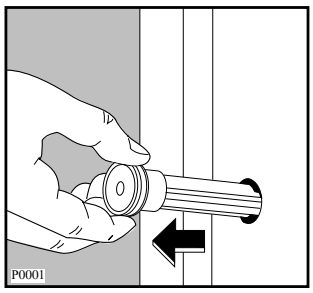
## Unpacking

⚠ All transit bolts and packing must be removed before using the appliance.

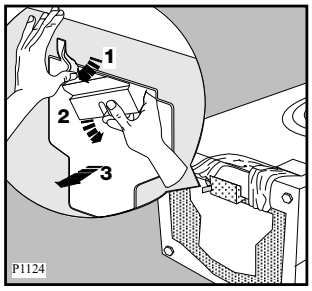
You are advised to keep all transit devices so that they can be refitted if the machine ever has to be transported again.

1. Using a spanner, unscrew and remove the two rear bottom screws. Slide out the two plastic pins.

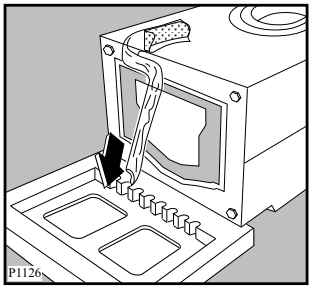


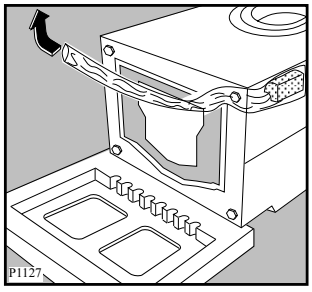



2. Lay the machine on its back, taking care not to squash the hoses. This can be avoided by placing one of the corner packing pieces between the machine and the floor.
3. Remove the polystyrene block from the bottom of the machine and release the two plastic bags.

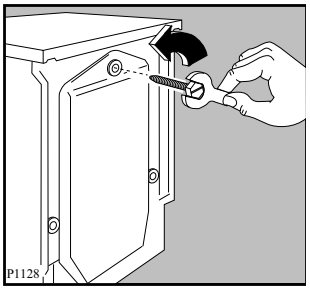


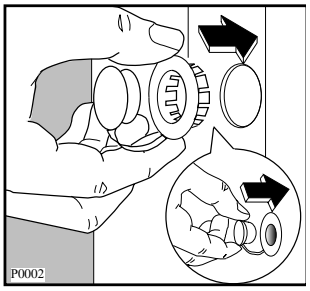

4. Very carefully slide out the left polythene bag, removing it towards the right and then downwards.
5. Very carefully slide out the right polythene bag, removing it towards the left and then upwards.





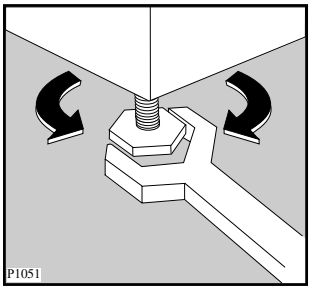

6. Set the machine upright and remove the remaining rear screw. Slide out the relevant pin.
7. Plug all the holes with the plugs which you will find in the envelope containing the instruction booklet.






## Positioning

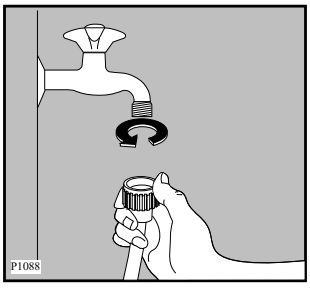
Install the machine on a flat hard floor.
Make sure that air circulation around the machine is not impeded by carpets, rugs etc. Check that the machine does not touch the wall or other kitchen units.
Carefully level by screwing the adjustable feet in or out. Never place cardboard, wood or similar materials under the machine to compensate for any unevenness in the floor.



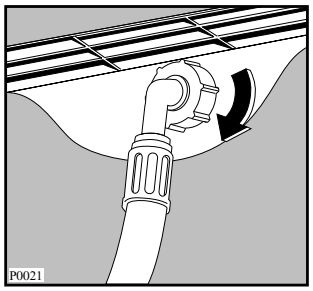

## Water inlet

Connect the water inlet hose to a separate tap with a 3/4" thread.

Do not use already employed hoses for water connection.



The other end of the inlet hose which connects to the machine can be turned in any direction. Simply loosen the fitting, rotate the hose and retighten the fitting, making sure there are no water leaks.




The inlet hose must not be lengthened. If it is too short and you do not wish to move the tap, you will have to purchase a new, longer hose specially designed for this type of use.

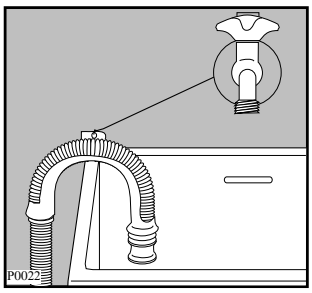
**Important!**

Before connecting up the machine to new pipework or to pipework that has not been used for some time, run off a reasonable amount of water to flush out any debris that may have collected in the pipes.

## Water drainage

The end of the drain hose can be positioned in three ways:

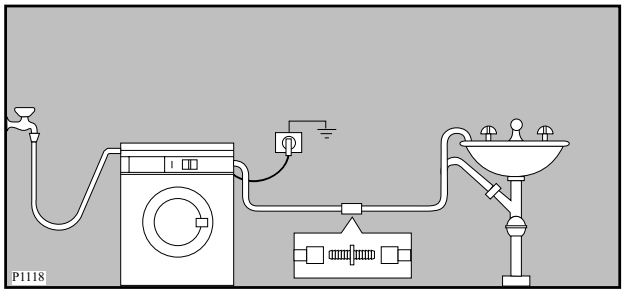
**Hooked over the edge of a sink using the plastic hose guide supplied with the machine**. In this case, make sure the end cannot come unhooked when the machine is emptying.
This could be done by tying it to the tap with a piece of string or attaching it to the wall.




**In a sink drain pipe branch**. This branch must be above the trap so that the bend is at least 60 cm above the ground.

**Directly into a drain pipe at a height** of not less than 60 cm and not more than 90 cm.
The end of the drain hose must always be **ventilated**, i.e. the inside diameter of the drain pipe must be larger than the outside diameter of the drain hose.

The drain hose must not be kinked.




**For a correct functioning of the machine the drain hose must remain hooked on the proper support piece situated on the top part of the back side of the appliance.**

## Electrical connection

This machine is designed to operate on a 220-230 V, single-phase, 50 Hz supply.

Check that your domestic electrical installation can take the maximum load required (2.2 kW), also taking into account any other appliances in use.

**Connect the machine to an earthed socket.**

⚠ The manufacturer declines any responsibility for damage or injury through failure to comply with the above safety precaution.
Should the appliance power supply cable need to be replaced, this must be carried out by our Service Centre.

**Please ensure that when the appliance is installed the power supply cable is easily accessible.**

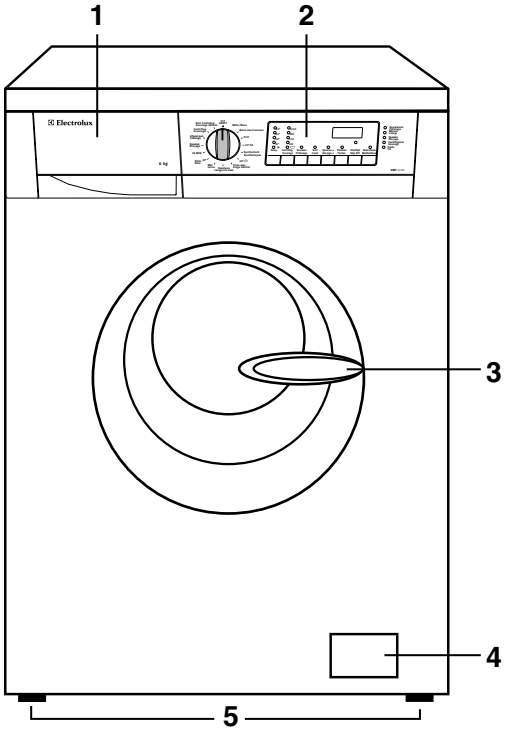
ENGLISH

# Your new washing machine

This new machine meets all modern requirements for effective treatment of laundry with low water, energy and detergent consumption.

- **The programme progress display** shows the programme steps selected and the programme phase which is running.
- **The special wool programme** with its new delicate wash system treats your woollens with extreme care.
- **The automatic cooling of the washing water** from 95° to 60°C before draining will prevent old drain pipes from being deformed and will reduce thermal shock to fabrics, helping to prevent creasing.
- **The unbalance detection device** prevents vibration during spinning.
- **The ECO valve** allows total use of detergent and reduces water consumption so saving energy.

1 Detergent dispenser drawer
2 Control panel
3 Door handle
4 Drain pump
5 Adjustable feet

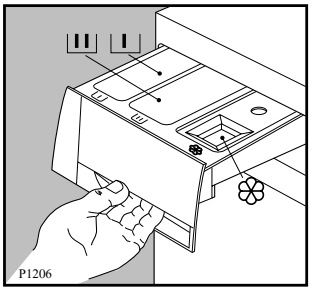



## Detergent dispenser drawer

Prewash

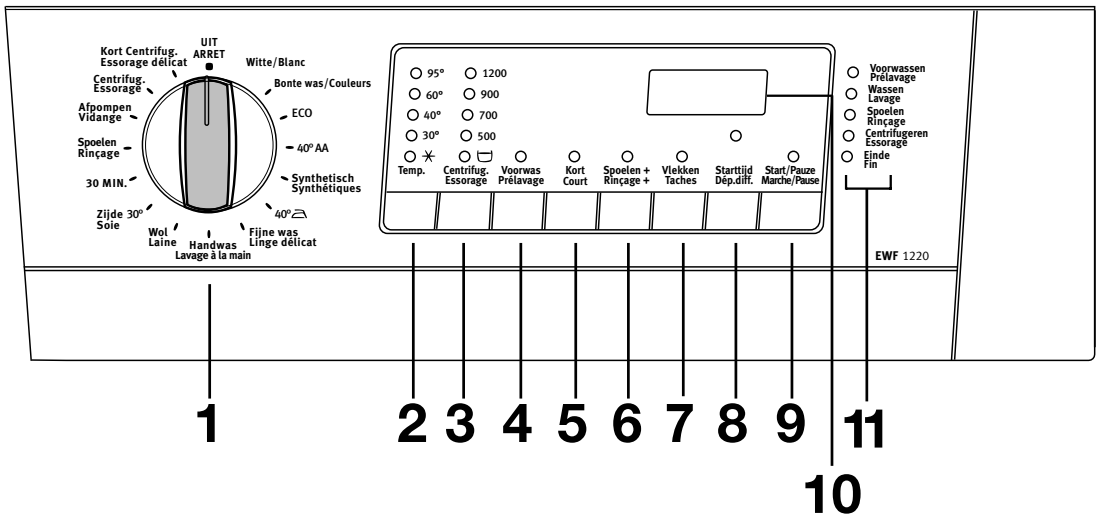
Main wash

Fabric softener, starch



# Use

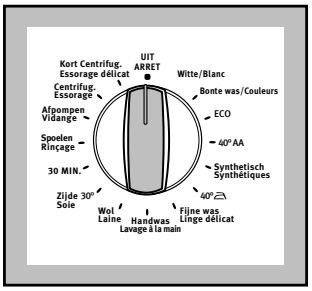
## Control panel




### 1 Programme selector dial

The selector is divided into the following sections:

- Cotton
- Synthetic
- Delicate
- Handwash, Wool, Silk
- Special programmes
- **UIT/ARRET** Reset programme/OFF




The selector dial can be turned either clockwise or anticlockwise.

**In cotton programmes** position **ECO** corresponds to the ENERGY SAVING programme.

The programme **40°AA** can be selected for slightly or normally soiled laundry. The temperature will be automatically reduced and the washing time wil be prolonged in order to obtain an AA class in washing performance and energy consumption.

**At the end of the programme the selector dial must be turned to position UIT/ARRET.**

**ATTENTION!**

If you turn the programme selector dial to another programme when the machine is working, all the lights of the programme progress display will flash for about 2 seconds, but the washing machine will not perform the new selected programme.

### 2 "Temp." button (Temperature)

Press this button repeatedly to increase or decrease the temperature, if you want your laundry to be washed at a temperature different from the one proposed by the washing machine.
The relevant light will light up.
Maximum temperatures are 95°C for white cotton, 60°C for coloured cotton and synthetic fabrics, 40°C for delicate fabrics, wool and fabrics to be hand-washed with the programme "Handwas/Lavage à la main", 30°C for silk and the programme "30 MIN".
"Position ✳" corresponds to cold wash.

### 3 "Centrifug./Essorage" button (Spin reduction)

Press this button repeatedly to change the spin speed or to select option (rinse hold), if you want your laundry to be spun at a speed different from the one proposed by the washing machine. The relevant light will light up.
Press this button to select the following options:

- **Spin speed reduction:**

  The following speeds are available for the different fabrics:

- Cottons, linen:
  500/700/900 max 1200 r.p.m. (for the model EWF 1220), 1400 r.p.m. (for the model EWF 1420), 1600 r.p.m. (for model EWF 1620);
- Synthetics, Handwash and wool:
  500/700 max 900 r.p.m.;
- Delicates, Silk and "**30 MIN**":
  500 max 700 r.p.m.

ENGLISH

- Rinse Hold (anti-crease)
  When selecting this option the water of the last rinse is not emptied out, to prevent the fabrics from creasing.
  At the end of the programme the pilot lights and **"End"** (Einde/Fin) illuminate and the door is locked. A blinking zero will appear on the display.

To empty out water there are 2 possibilities:

- Select "**Drain**" (Afpompen/Vidange) programme and depress the "**Start/Pause**" button: the water is emptied out without spinning.
- Select the "**Spin**" (Centrifug./Essorage) programme or "**Delicate Spin**" (Kort Centrifug./Essorage délicat). Select the spin speed by means of the relevant button and then depress the "**Start/Pause**" button. The water is emptied out and the laundry is spun at the selected spin speed.

**Attention!**

Before selecting "**Drain**" programme, "**Spin**" or "**Delicate Spin**" programme the selector dial has to be positioned on "**Off"** (UIT/ARRET).

## Programme Option buttons

Depending on the programme, different functions can be combined. **These must be selected after choosing the desired programme and before depressing the START/PAUSE button.**
When these buttons are pressed, the corresponding pilot lights come on. When they are pressed again, the pilot lights go out.
If an incorrect option is selected, the pilot lights flash for about 2 seconds.

## 4 "Voorwas/Prélavage" button (Prewash)

Select this option if you wish your laundry to be prewashed before the main wash (**not available for wool, handwash, silk and 30 MIN programmes**). The prewash ends with a short spin in programmes for cotton and synthetic fabrics, whereas in the programme for delicate fabrics the water is only drained.

## 5 "Kort/Court" button (Quick wash)

This button allows you to select the QUICK WASH function, for laundry that is only slightly soiled (**not for cotton economy programmes ECO and 40°AA, wool, handwash, silk, 30 MIN**).
The washing time will be reduced according to the type of fabric and the selected temperature.
Max. load for cotton 3 kg.

## 6 "Spoelen +/Rinçage +" button (Extra rinse)

The Extra Rinse option can be selected with all programmes **except the wool, handwash and 30 MIN programmes**. The machine will perform 2 additional rinses. This option is recommended for people who are allergic to detergents, and in areas where the water is very soft.

## 7 "Vlekken/Taches" button (Stain)

Select this button if you wish to add to the washing of heavy soiled laundry a stain phase: at the temperature of 40°C the special detergent for stains is loaded from the compartment marked .
**This function is available in cotton and synthetic programmes with a temperature of 40° or higher**.
The washing time will be prolonged by few minutes.
The "**Prewash"** and the "**Stain"** options cannot be selected together.

## 8 "Starttijd/Dép. diff." button (Delay Start)

This button makes it possible to delay the starting of the programme from 30 min – 60 min – 90 min, 2 hours and then by 1 hour up to a maximum of 23 hours. The delay you have selected is shown on the display for about 3 seconds; afterwards, the duration of the programme reappears.
The Delay start cannot be selected with **"Drain",** "**Delicate Spin**" and **"Spin"** programmes.

**Selecting the delayed start**
You must select this option **after** you have set the programme and **before** you press the Start/Pause button.
The machine starts its countdown. The programme will start after the selected delay has expired.

**Cancelling the delayed start**
If you have already pressed the Start/Pause button, and you wish to **cancel** the delay time, proceed as follows:

- set the washing machine to Pause by pressing the Start/Pause button;
- press the "**Delay start**" button until the display shows the symbole «**0**'».
- press the "**Start/Pause"** button again.

**Important!**
The door will be locked throughout the delay time. If you need to open the door, you must first set the washing machine to Pause by pressing the Start/Pause button. After you have closed the door, press the Start/Pause button again.

## 9 "Start/Pauze - Marche/Pause" button (Start/Pause)

This button has two functions:

- **Start**: after you have selected the desired programme and options, press this button to start the washing machine. The light above the button will stop flashing and remain lit.
  If you have selected a delay time, the countdown will begin and will be shown on the display.
- **Pause**: when you press this button again, the programme in progress is interrupted. The light above the button will start flashing. To restart the programme from the point at which it was interrupted, press the button again.

When you PAUSE the cycle, and it becomes possible to open the door, provided:

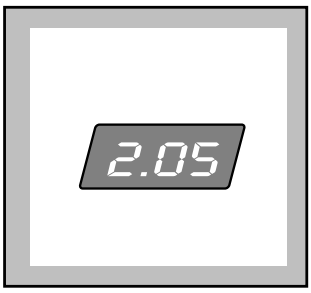
- the washing machine is not in the heating phase;
- the level of the water is not high;
- the drum is not turning.

If all these requirements are met, the door can be opened.

## 10 Display

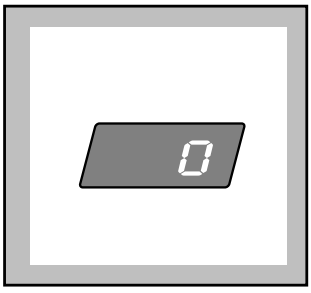
The following pieces of information are shown on the display:

- **Duration of washing programme** in hours and minutes, after you have selected a programme.

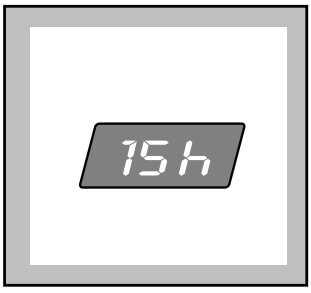



While the programme is running (after you have pressed the Start/Pause button), the displayed time value decreases by one unit every minute.

- **The washing machine has completed the programme**: this is indicated by a **flashing zero**.
- **The washing machine has stopped with water in the tub**, at the end of a programme with the ⊍ options: this is indicated by a **flashing zero**.

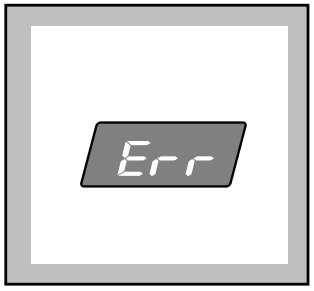



- **Delay start**, a time value indicated in hours and selected by means of the relevant button.

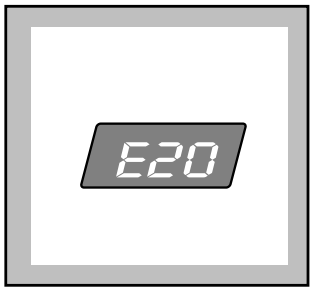



The delay time is displayed for 3 seconds, then the duration of the selected programme reappears. After you have pressed the Start/Pause button, the countdown begins, and the delay time value decreases by one unit every hour up to 2 hours and then by 30 minutes.

- **An incorrect option selection has been made**: this is indicated by the message **Err** when a function incompatible with the current programme is selected.




- **An alarm code** indicates a fault in the machine operation (see the relevant chapter).



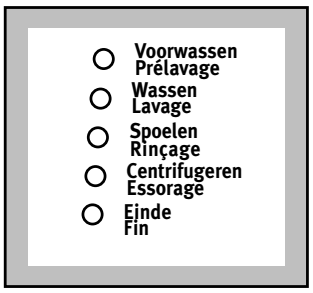

## 11 Programme progress display

By selecting the wash programme, the pilot lights corresponding to the various phases making up the programme come on.

After the machine has started, only the running phase pilot light stays on.

- **Voorwassen/Prélavage** (**prewash):** when this light comes on this means that the machine is performing the prewashing phase.
- **Wassen/Lavage** (**washing):** when this light comes on this means that the machine is performing the washing phase.
- **Spoelen/Rinçage** = rinses
- **Centrifugeren/Essorage** = spin
- **Einde/Fin** = end of programme

When the programme has finished, the "**End**" light comes on.




The "**End**" pilot light flashes in the event of operating problems. And the relative alarm code appears on the display.

*E10* = the machine does not fill

*E20* = the machine does not empty

*E40* = the door has not been closed

To eliminate the problem, see paragraph "Something not working".

# Programme information

## Wol/Laine (Wool)

The wool wash cycle of this machine has been approved by Woolmark for the washing of machine washable Woolmark products provided that the garments are washed according to the instructions on the garment label and those issued by the manufacturer of this washing machine. Licence No. M9604.

## 40° (Easy to iron)

In this position the synthetic fabrics are gently washed and spun to avoid any creasing. In this way ironing is easier.
This programme is not available for wool and delicate fabrics.

## Spoelen/Rinçage (Rinse)

With this programme it is possible to rinse and spin the garments which have been washed by hand. The machine performs 3 rinses, followed by a final long spin at the maximum speed.
The spin speed can be reduced by depressing the "**Spin**" button.
The final spin is foreseen only for cotton items as in the spin programme.

## Afpompen/Vidange (Drain)

For emptying out the water of the last rinse in programmes with the option. Turn first the programme selector dial to "**Off**", then select the "**Drain**" programme and depress the "**Start/Pause**" button.

## Centrifugeren/Essorage (Spin)

Separate long spin at the max speed for hand washed garments. It has to be used only for cotton items. You can reduce the speed by means of "**Spin"** button.

## Kort Centrifugeren/Essorage délicat (Delicate Spin)

Separate short spin at the 700 r.p.m. speed for hand washed garments. It has to be used for synthetic, delicate, silk and wool items. You can reduce the speed by means of "**Spin"** button to adapt it to the fabrics to be spun.

## 30 MIN. (30 Minute wash)

This is a complete programme that can be combined with the following options:
"**Spin**" speed reduction, and "**Delay start**".
To be used for laundry which is lightly soiled or which needs freshening up.
Max. load 3 kg.
Washing temperature: 30 C.
Programme duration: 30 minutes.
Final spin speed: 700 rpm.

## UIT/ARRET= Off/Reset / Switching the machine off

To reset a programme turn the selector dial to "**Off**". Now can a new programme be selected.

# Washing hints

## Sorting the laundry

Follow the wash code symbols on each garment label and the manufacturer's washing instructions. Sort the laundry as follows:
whites, coloureds, synthetics, delicates, woollens.

## Temperatures

**95°** for normally soiled white cottons and linen (e.g. tea cloths, towels, tablecloths, sheets...)

**60°** for normally soiled, colour fast garments (e.g. shirts, night dresses, pyjamas....) in linen, cotton or synthetic fibres and for lightly soiled white cotton (e.g. underwear).

**(cold)** for delicate items (e.g. net curtains), mixed
**30°-40°** laundry including synthetic fibres and woollens bearing the label «pure new wool, machine washable, non-shrink». The wool wash cycle of this machine has been approved by Woolmark for the washing of machine washable Woolmark products provided that the garments are washed according to the instructions on the garment label and those issued by the manufacturer of this washing machine. M9604.

## Before loading the laundry

Never wash whites and coloureds together. Whites may lose their "whiteness" in the wash.

New coloured items may run in the first wash; they should therefore be washed separately the first time.

**Make sure that no metal objects are left in the laundry (e.g. hair clips, safety pins, pins).**

Button up pillowcases, close zip fasteners, hooks and poppers. Tie any belts or long tapes.

Remove persistent stains before washing. Rub particularly soiled areas with a special detergent or detergent paste.

Treat curtains with special care. Remove hooks or tie them up in a bag or net.

## Maximum loads

Recommended loads are indicated in the programme charts.

General rules:

**Cotton, linen**: drum full but not too tightly packed;

**Synthetics**: drum no more than half full;

**Delicate fabrics and woollens**: drum no more than one third full.

Washing a maximum load makes the most efficient use of water and energy.

For heavily soiled laundry, reduce the load size.

## Laundry weights

The following weights are indicative:

| | |
|---|---|
| bathrobe | 1200 g |
| napkin | 100 g |
| quilt cover | 700 g |
| sheet | 500 g |
| pillow case | 200 g |
| tablecloth | 250 g |
| towelling towel | 200 g |
| tea cloth | 100 g |
| night dress | 200 g |
| ladies' briefs | 100 g |
| man's work shirt | 600 g |
| man's shirt | 200 g |
| man's pyjamas | 500 g |
| blouse | 100 g |
| men's underpants | 100 g |

## Removing stains

Stubborn stains may not be removed by just water and detergent. It is therefore advisable to treat them prior to washing.

**Blood**: treat fresh stains with cold water. For dried stains, soak overnight in water with a special detergent then rub in the soap and water.

**Oil based paint**: moisten with benzine stain remover, lay the garment on a soft cloth and dab the stain; treat several times.

**Dried grease stains**: moisten with turpentine, lay the garment on a soft surface and dab the stain with the fingertips and a cotton cloth.

**Rust**: oxalic acid dissolved in hot water or a rust removing product used cold. Be careful with rust stains which are not recent since the cellulose structure will already have been damaged and the fabric tends to hole.

**Mould stains**: treat with bleach, rinse well (whites and fast coloureds only).

**Grass**: soap lightly and treat with bleach (whites and fast coloureds only).

**Ball point pen and glue**: moisten with acetone (*), lay the garment on a soft cloth and dab the stain.

**Lipstick**: moisten with acetone as above, then treat stains with methylated spirits. Remove any residual marks from white fabrics with bleach.

**Red wine**: soak in water and detergent, rinse and treat with acetic or citric acid, then rinse. Treat any residual marks with bleach.

**Ink**: depending on the type of ink, moisten the fabric first with acetone (*), then with acetic acid; treat any residual marks on white fabrics with bleach and then rinse thoroughly.

**Tar stains**: first treat with stain remover, methylated spirits or benzine, then rub with detergent paste.

**(*) do not use acetone on artificial silk.**

## Detergents and additives

Good washing results also depend on the choice of detergent and use of the correct quantities to avoid waste and protect the environment. Although biodegradable, detergents contain substances which, in large quantities, can upset the delicate balance of nature.

The choice of detergent will depend on the type of fabric (delicates, woollens, cottons, etc.), the colour, washing temperature and degree of soiling.

All commonly available washing machine detergents may be used in this appliance:

– powder detergents for all types of fabric,

– powder detergents for delicate fabrics (60°C max) and woollens,

– liquid detergents, preferably for low temperature wash programmes (60°C max) for all types of fabric, or special for woollens only.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.

If using concentrated powder or liquid detergents, a programme **without** prewash must be selected.

Pour liquid detergent into the dispenser drawer compartment marked **just before** starting the programme.

Any fabric softener or starching additives must be poured into the compartment marked before starting the wash programme.

Follow the product manufacturer's recommendations on quantities to use and **do not exceed the «MAX» mark in the detergent dispenser drawer.**

## Quantity of detergent to be used

The type and quantity of detergent will depend on the type of fabric, load size, degree of soiling and hardness of the water used.

Water hardness is classified in so-called "degrees" of hardness. Information on hardness of the water in your area can be obtained from the relevant water supply company, or from your local authority.

Follow the product manufacturers' instructions on quantities to use.

Use less detergent if:

– you are washing a small load,

– the laundry is lightly soiled,

– large amounts of foam form during washing.

**Degrees of water hardness**

| Level | Characteristic | Degrees | |
|---|---|---|---|
| | | German °dH | French °T.H. |
| 1 | soft | 0- 7 | 0-15 |
| 2 | medium | 8-14 | 16-25 |
| 3 | hard | 15-21 | 26-37 |
| 4 | very hard | more than 21 | more than 37 |

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## International wash code symbols

These symbols appear on fabric labels, in order to help you choose the best way to treat your laundry.

| | | | | | | |
|---|---|---|---|---|---|---|
| **Energetic wash**<br> <br> <br>**Delicate wash** | <br>Max. wash temperature 95°C | <br>Max. wash temperature 60°C<br> | <br>Max. wash temperature 40°C<br> | <br>Max. wash temperature 30°C<br> | <br>Hand wash | <br>Do not wash at all |

| | | |
|---|---|---|
| <br>**Bleaching** | <br>Bleach in cold water | <br>Do not bleach |

| | | | | |
|---|---|---|---|---|
| <br>**Ironing** | <br>Hot iron max 200°C | <br>Warm iron max 150°C | <br>Lukewarm iron max 110°C | <br>Do not iron |

| | | | | |
|---|---|---|---|---|
| <br>**Dry cleaning** | <br>Dry cleaning in all solvents | <br>Dry cleaning in perchlorethylene, petrol, pure alcohol, R 111 & R 113 | <br>Dry cleaning in petrol, pure alcohol and R 113 | <br>Do not dry clean |

| | | | | | |
|---|---|---|---|---|---|
| <br>**Drying** | <br>Flat | <br>On the line | <br>On clothes hanger | <br>high temperature<br>low temperature<br>Tumble dry | <br>Do not tumble dry |

# Operating sequence

*Before the first wash we recommend that you pour 2 litres of water into the main wash compartment* ⓫ *of the detergent drawer in order to activate the ECO valve. Then run a cotton cycle at 95°C, with the machine empty, in order to remove any manufacturing residue from the drum and tub.*
*Pour half a measure of detergent into the main wash compartment and start up the machine.*

## 1. Place the laundry in the drum

Open the door.

Place the laundry in the drum, one item at a time, shaking them out as much as possible.

Close the door.

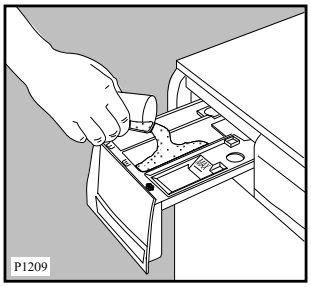
## 2. Measure out the detergent

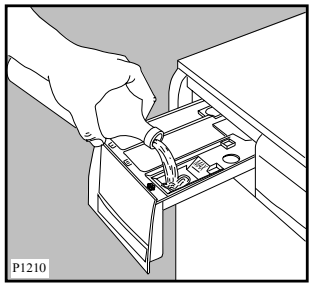
Pull out the dispenser drawer until it stops. Measure out the amount of detergent recommended by the manufacturer in a graduated cup and pour it into the main wash compartment ⓫.

If you have selected the prewash or the stain option, pour detergent or stain remover into the appropriate compartment marked ⓵.

## 3. Measure out the additive

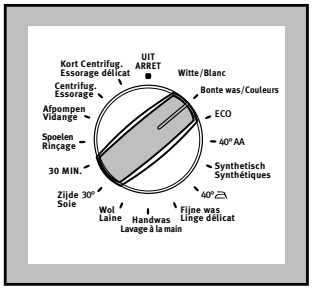
If required, pour fabric softener into the compartment marked ❀, **without exceeding the «MAX» mark.**

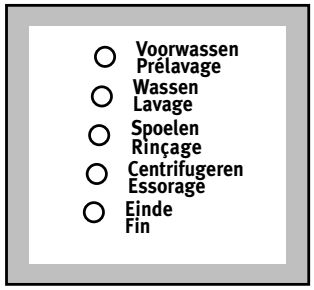



## 4. Select the desired programme

Switch the machine on turning the programme selector dial to the desired position. To switch the appliance off turn it to "**Off**".



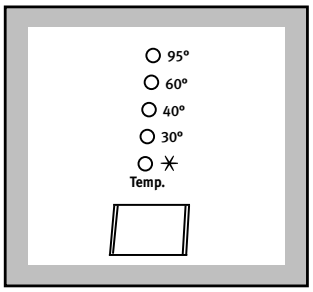




The lights corresponding to the different phases making up the selected programme light on.

The light of the **"Start/Pause"** button starts to flash.

## 5. Select the temperature

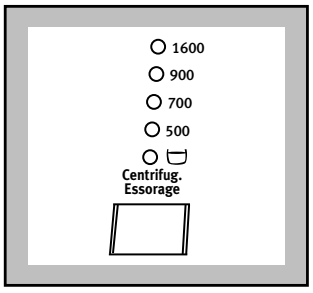
Press the "Temp." button if you wish to select a temperature value different from the one proposed by the washing machine. The relevant light will light up.



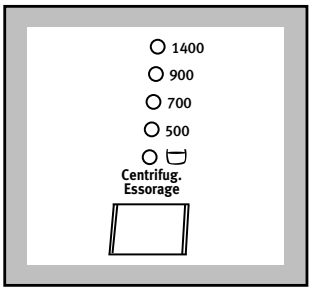

## 6. Select the spin speed or the ⓫ option

Press the "**Spin**" button repeatedly button if order to select the desired spin speed or the ⓫ option.
The relevant light will light up.

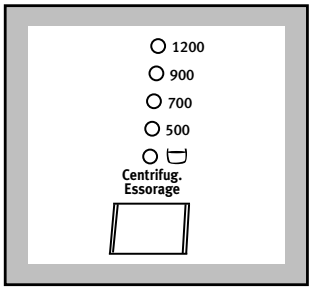
**EWF 1620**




**EWF 1420**




**EWF 1220**




## 7. Select the required options

The light corresponding to the depressed button illuminates.

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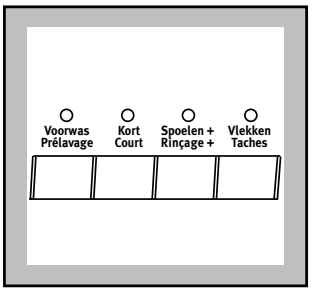
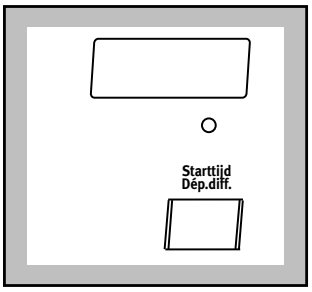


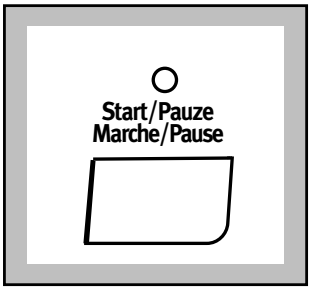

## 8. Select the “Delay start”

**Before you start the programme**, if you wish the start to be delayed, press the “**Delay Start**” button repeatedly, or keep it pressed, to select the desired delay. The selected delay time value (up to 23 hours) will appear on the display for 3 seconds, then the duration of the programme will appear again.




## 9. Start the programme

Depress “**Start/Pause**”-button, the corresponding pilot light stops flashing. The pilot light “**Washing**” remains lit.




## 10. Altering an option or a programme during its cycle.

It is possible to change any option before the programme carries it out.
Before you make any change, you must pause the washing machine by pressing the “**Start/Pause**” button.

Changing a running programme is possible only by **resetting it.** Turn the programme selector dial to “**Off”** and then to the new programme position.
Start the new programme by depressing the “**Start/Pause**” button. The washing water in the tub will not emptied out.

## 11. Interrupting a programme

Depress the “**Start/Pause**” button to interrupt a programme which is running, the corresponding light starts to flash. Depress the same button again to restart the programme.

## 12. Cancelling a programme

Turn the selector dial to “**Off**” to cancel a programme which is running.
Now you can select a new programme.

## 13. Opening the door after the programme has started

First set the machine to PAUSE by pressing the “**Start/Pause**” button.
If the door does not open, this means that the water temperature is above 55°C, that the water level is above the bottom edge of the door or that the drum is turning.
If you cannot open the door but you need to open it you have to switch the machine off by turning the programme selector dial to “**Off**”. After about 3 minutes the door can be opened (pay attention to the water level and temperature!).
Select the programme again and depress “**Start/Pause**” to restart it.

## 14. At the end of the programme

The machine stops automatically.

If the anti-crease option has been selected, the “**Start/Pause**” light goes out, the door is locked, the “**End**” and the lights illuminate to indicate that the water must be emptied out before opening the door.
To do this turn the programme selector dial to “**Off**” and then to programmes “**Drain**” or “**Spin**” or “**Delicate Spin**”.

Release of the lock is also indicated by the coming on of the “**End**” light.

Switch the machine off by turning the programme selector dial to “**Off**”.
Remove the laundry from the drum and carefully check that the drum is empty so as to avoid any forgotten items being damaged in a subsequent wash (e.g. shrinking) or their colour running into a load of whites.
If you do not intend to carry out another wash, close the water tap.
Leave the door open to prevent the formation of mildew and unpleasant smells.

# Programme table

## WASHING PROGRAMMES

| Fabrics | Temperature/ Programme | Type of laundry | Additional functions | Wash load max. | Consumptions* | | |
|---|---|---|---|---|---|---|---|
| | | | | | Energy kWh | Water lt | Duration min. |
| White cotton | **Cotton** (blue sector) ✳ - 95° | Sheets, household linen, towels, tablecloths | **PREWASH QUICK EXTRA RINSE STAIN** SPIN/** | 5 kg | 2.0 | 53 | 145 |
| Coloured cotton | **Cotton** (blue sector) ✳ - 60° | Slightly soiled sheets, household linen, underwear | **PREWASH QUICK EXTRA RINSE STAIN** SPIN/** | 5 kg | 1.2 | 49 | 120 |
| White cotton economy | **ECO** (blue sector) 40° - 60° | White and fast coloured items, for example hand towels, sheets, underwear, tablecloths, shirts, blouses | **PREWASH EXTRA RINSE STAIN SPIN/** | 5 kg | 0.85 | 42 | 143 |
| Coloured cotton | **40° AA** (blue sector) 40° | Coloured items, for example underwear, shirts, blouses | **PREWASH EXTRA RINSE STAIN SPIN/** | 5 kg | 0.95 | 49 | 140 |
| Synthetics | **Synthetics** (green sector) ✳ -60° | Shirts, blouses, underwear, mixed fabrics | **PREWASH QUICK EXTRA RINSE STAIN ** SPIN/** | 2.5 kg | 0.9 | 54 | 93 |
| Synthetics | **40°** (green sector) 40° | Shirts, blouses, underwear, mixed fabrics to be gentle washed | **PREWASH QUICK EXTRA RINSE STAIN SPIN/** | 1 kg | 0.35 | 59 | 87 |

**ECONOMY PROGRAMME**

For slightly/normally soiled cottons you can use the relevant Economy programme: you will obtain good washing results by saving energy.

In compliance with EC directive 92/75, the consumption figures indicated on the energy label refer to the ECO 60° wash programme for cotton.

* The consumption data shown on this chart is to be considered purely indicative, as it may vary depending on the quantity and type of laundry, on the inlet water temperature and on the ambient temperature. It refers to the highest temperature for each wash programme.

** Only at 40°C or higher temperature.

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# Programme table

## WASHING PROGRAMMES

| Programme | Programme selector dial position | Programme description | Additional functions | Wash load max. | Consumptions* | | |
|---|---|---|---|---|---|---|---|
| | | | | | Energy kWh | Water lt | Duration min. |
| Delicates | **DELICATES (gray sector) - 40°** | Acrylic, viscose, polyester items, curtains | **PREWASH QUICK EXTRA RINSE SPIN/** | 2.5 kg | 0.5 | 55 | 60 |
| Handwash | **HANDWASH (gray sector) - 40°** | Special programme for garments bearing the “Handwash” label | **SPIN/** | 2 kg | 0.35 | 55 | 56 |
| Wool WOOLMARK | **WOOL (gray sector) - 40°** | Special programme for garments bearing the “ Pure new wool, non-shrink, machine washable” label | **SPIN/** | 2 kg | 0.35 | 55 | 55 |
| Silk | **SILK (gray sector) 30°** | Special programme for silk garments | **EXTRA RINSE SPIN/** | 1 kg | 0.30 | 53 | 40 |
| Short cycle for lightly soiled fabrics | **30 MIN. (gray sector) 30°** | Wash at 30°C<br>2 rinses<br>Short spin at 700 r.p.m. | **SPIN/** | 2 kg | 0.30 | 40 | 30 |
| For rinsing hand washed items | **Rinses** | 3 rinses with liquid additive, if required<br>Long spin at max. speed | **EXTRA RINSE SPIN/** | 5 kg | 0.05 | 52 | 45 |
| Water draining | **Drain** | For emptying out the water of the last rinse of programmes with option | | / | - | - | 2 |
| Long spin for cotton | **Spin** | Long spin at max. speed | **SPIN** | 5 kg | - | - | 10 |
| Separate spin | **Short Spin** | Separate spin at 700 r.p.m. for synthetics, wool, handwash and silk | **SPIN** | 5 kg | - | - | 6 |
| Reset/Off | **UIT/ ARRET** | For cancelling the programme which is running or to switch the machine off. | | / | - | - | - |

* The consumption data shown on this chart is to be considered purely indicative, as it may vary depending on the quantity and type of laundry, on the inlet water temperature and on the ambient temperature.

# Maintenance

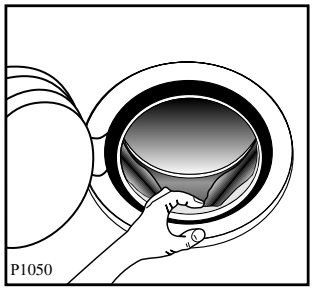
## 1. Bodywork

Clean the outside of the machine with soap and water only. Rinse with clean water and dry with a soft cloth.

**Important:** do not use methylated spirits, solvents or similar products to clean the bodywork.

## 2. Door seal

Check from time to time the door seal and eliminate eventual possible objects that could be trapped in the fold.

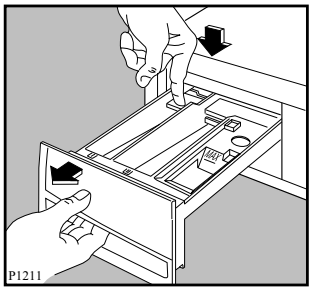


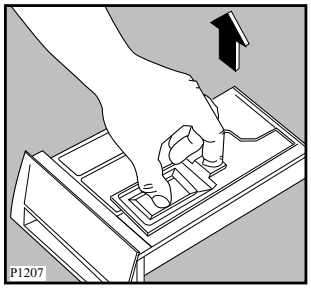

## 3. Detergent dispenser drawer

After a while, detergents and fabric softeners leave deposits in the drawer.

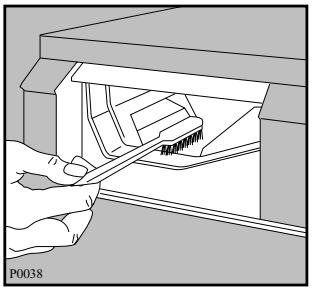
Clean the drawer from time to time by rinsing it under a running tap. To remove the drawer from the machine, press the button in the rear left-hand corner.

To facilitate cleaning, the top part of the additive compartments can be removed.




Detergent can also accumulate inside the drawer recess: clean it with an old toothbrush. Refit the drawer after cleaning.




## 4. Water inlet filter

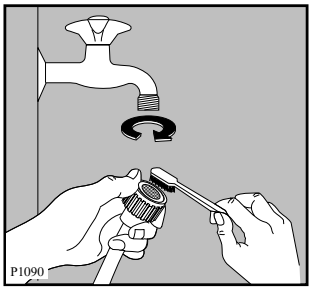
If you notice that the machine is taking longer to fill, check that the filter in the water inlet hose is not blocked.

Turn off the water tap.

Unscrew the hose from the tap.

Clean the filter with a stiff brush.

Screw the hose back onto the tap.



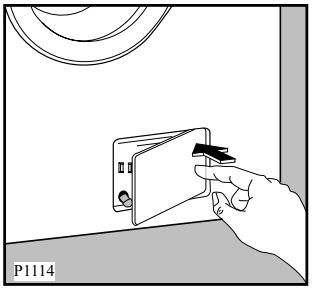

## 5. Drain pump

The pump should be inspected regularly and particularly if

- the machine does not empty and/or spin
- the machine makes an unusual noise during draining due to objects such as safety pins, coins etc. blocking the pump.

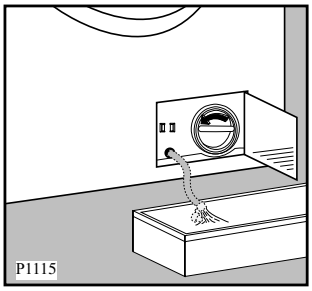
Proceed as follows:

- Disconnect the appliance.
- If necessary wait until the water has cooled down.
- Open the pump door.

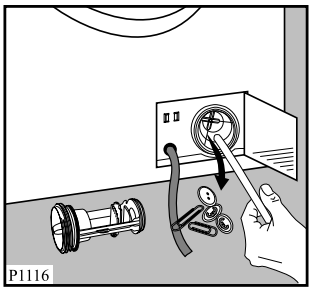


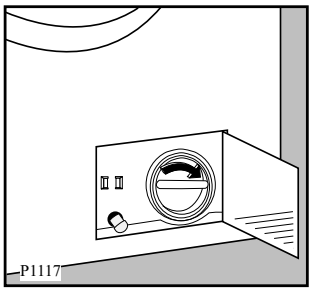

ENGLISH

- Place a bowl on the floor to collect any spillage.
- Pull out the emergency emptying hose, place it in the bowl and remove its cap.
- When no more water comes out, unscrew the




pump cover and remove it.
- Remove any objects from the pump impeller by rotating it.
- Put the cap back on the emergency emptying hose and place the latter back in its seat.




- Screw the pump cover fully in.
- Close the pump door.

## 6. Emergency emptying out

If the water is not discharged, proceed as follows to empty out the machine:

- pull out the plug from the power socket;
- close the water tap;
- if necessary, wait until the water has cooled down;
- open the pump door;
- place a bowl on the floor and place the end of the emergency emptying hose into the bowl. Remove its cap. The water should drain by gravity into the bowl. Whe the bowl is full, put the cap back on the hose. Empty the bowl. Repeat the procedure until water stops flowing out;
- clean the pump if necessary as previously described;
- replace the emergency emptying hose in its seat after having plugged it;
- screw the pump cover again and close the door.

## 7. Frost precautions

If the machine is installed in a place where the temperature could drop below 0°C, proceed as follows:

- Remove the plug from the socket.
- Close the water tap and unscrew the water inlet hose from the tap.
- Place the end of the emergency emptying hose and that of the inlet hose in a bowl placed on the floor and let water drain out.
- Screw the water inlet hose back on and reposition the emergency emptying hose after having put the cap on again.

By doing this, any water remaining in the machine is removed, avoiding the formation of ice and, consequently, breakage of the affected parts.

When you use the machine again, make sure that the ambient temperature is above 0°C.

**Important!**

Every time you drain the water through the emergency emptying hose you must pour 2 litres of water into the main wash compartment of the detergent drawer and then run the drain programme. This will activate the ECO valve avoiding that part of the detergent remains unused at next washing.

# Something not working?

*Problems which you can resolve yourself, before calling the After Sales Service.*

During machine operation it is possible that the **End** light starts to flash and one of the following alarm codes will appear on the display:

*E40*= the door has not been closed

*E20*= the machine does not empty

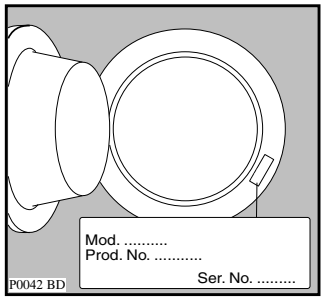
*E10*= the machine does not fill.

Once the problem has been eliminated, press the "**Start/Pause**" button to restart the programme. If after all checks, the problem persists, contact your local Service Centre.

| Problem | Possible cause |
|---|---|
| • **The machine does not start up:** | • The door is not firmly closed. *E40*<br>• The machine is not plugged in or there is no power at the socket.<br>• The main fuse has blown.<br>• The programme selector dial is not positioned correctly and the **Start/Pause** button has not been depressed.<br>• The **Delay Start** has been selected. |
| • **The machine does not fill:** | • The water tap is closed. *E10*<br>• The inlet hose is squashed or kinked. *E10*<br>• The filter in the inlet hose is blocked. *E10*<br>• The door is not properly closed. *E40* |
| • **The machine fills then empties immediately:** | • The end of the drain hose is too low. Refer to relevant paragraph in "water drainage" section. |
| • **The machine does not empty and/or does not spin:** | • The drain hose is squashed or kinked. *E20*<br>• A programme which ends with water in tub (option ⊔) has been selected.<br>• The drain pump is clogged. *E20* |
| • **There is water on the floor:** | • Too much detergent or unsuitable detergent (creates too much foam) has been used.<br>• Check whether there are any leaks from one of the inlet hose fittings. It is not always easy to see this as the water runs down the hose; check to see if it is damp.<br>• The drain hose is damaged.<br>• The cap on the emergency emptying hose has not been replaced after cleaning the pump. |
| • **Unsatisfactory washing results:** | • Too little or too much detergent has been used.<br>• An unsuitable detergent has been used.<br>• Stubborn stains have not been treated prior to washing.<br>• The correct temperature was not selected.<br>• Excessive laundry load. |
| • **The machine vibrates or is noisy:** | • The transit bolts and packing have not been removed.<br>• The support feet have not been adjusted.<br>• The laundry is not evenly distributed in the drum.<br>• Maybe there is very little laundry in the drum. |

| Problem | Possible cause |
|---|---|
| • **The door will not open:** | • The programme is still running, the drum is turning.<br>• The door lock has not been released.<br>• The water level is above the bottom edge of the door.<br>• The machine is heating the water. |
| • **Water is not visible in the machine:** | • The machine, which is the result of modern technology, runs in a very economical way with low water consumption. Performance is nevertheless excellent. |
| • **Spinning starts late or the machine does not spin:** | • The electronic unbalance detection device has cut in because the laundry is not evenly distributed in the drum. The laundry is redistributed by reverse rotation of the drum. This may happen several times before the unbalance disappears and normal spinning can resume. If, after 10 minutes, the laundry is still not evenly distributed in the drum, the machine will not spin. In this case, redistribute the load manually and select the spin programme. |
| • **The machine makes an unusual noise** | • The machine is fitted with a type of motor which makes an unusual noise compared with other traditional motors. This new motor ensures a softer start and more even distribution of the laundry in the drum when spinning, as well as increased stability of the machine. |
| • **Detergent residue is left after the wash cycle** | • This is most probably due to non soluble components contained in modern detergents. It is not a sign of inadequate rinsing. Brush or shake the garments and, if necessary, wash them again. |
| • **Foam remains after the last rinse** | • Modern detergents can produce foam even after rinsing, but this will not affect the quality of the wash. |

If you are unable to identify or solve the problem, contact our service centre. Before telephoning, make a note of the model, serial number and purchase date of your machine: the Service Centre will require this information.



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